

**Iowa Department of Natural Resources  
Environmental Protection Commission**

ITEM

23

DECISION

TOPIC

**Solid Waste Alternatives Program – Recommendations**

The Department received eleven proposals requesting \$461,185 in financial assistance, for consideration during the April 2007 round of funding. All eleven (11) projects were selected either for funding or additional consideration. If all are approved they will receive \$375,025 in a combination of forgivable loans and zero interest loans.

The review committee consisted of five persons representing the Energy and Waste Management Bureau (Jeff Geerts and Jennifer Reutzel), Iowa Society of Solid Waste Operations (Don Vogt), Iowa Recycling Association (Jeffrey Rose), and the Iowa Waste Exchange (Julie Plummer).

The table below summarizes recommendations by applicant and project type and by the type of award.

<b>Recommended By Applicant Type</b>	<b># Awards</b>	<b>Award Amount</b>	<b>Forgivable Loan Portion</b>
Local Government	4	\$149,575	\$41,140
Private For Profit	3	\$146,874	\$24,599
Private Not For Profit	4	\$78,576	\$70,806
<b>Recommended By Project Type</b>	<b># Awards</b>	<b>Award Amount</b>	<b>Forgivable Loan Portion</b>
Best Practices	7	\$296,449	\$65,739
Market Development	0	\$0	\$0
Education	4	\$78,576	\$70,806
<b>Type of Award</b>	<b># Awards</b>	<b>Award Amount</b>	<b>Forgivable Loan Portion</b>
Forgivable loan only	6	\$76,545	\$76,545
Forgivable and 0% loan only	3	\$149,770	\$60,000
0% and 3% interest loan only	0	\$0	\$0
0% interest loan only	2	\$148,710	\$0
3% interest loan only	0	\$0	\$0

At this time, the Department is requesting Commission approval to enter into contracts with selected applicants whose awards will be in excess of \$25,000 subject to satisfactory review of additional requested information, review of business plans, negotiation of budget and match.

A description of each recommended project, the project type, the amount and type of funding assistance is attached followed by a description of other proposals received but not recommended for funding.

Wayne Gieselman  
Division Administrator  
Environmental Services Division

Attachment

a) Application descriptions

May 14, 2007

**SOLID WASTE ALTERNATIVES PROGRAM**  
**PROPOSAL RECOMMENDATIONS – APRIL 2007**

The Department received eleven (11) proposals, requesting \$461,185 in financial assistance, for consideration during the April 2007 round of funding. All eleven (11) projects were selected either for funding or additional consideration. If all are approved they will receive \$375,025 in a combination of forgivable loans and zero interest loans.

The following provides a description of each project, the project type, and the amount and type of funding assistance. The descriptions are organized as projects above \$25,000, and those \$25,000 and below.

**PROPOSAL RECOMMENDATIONS: ABOVE \$25,000**

**BEST PRACTICES PROJECTS:**

<b>Buena Vista County Solid Waste Commission 1263 - 630<sup>th</sup> Street Storm Lake, IA 50588</b>	<b>Forgivable Loan:</b>	<b>\$0</b>
	<b>Zero Interest Loan:</b>	<b>\$108,435</b>
	<b>3% Interest Loan</b>	<b><u>\$0</u></b>
	<b>Total Award Amount:</b>	<b>\$108,435</b>
	<b>Cash Match:</b>	<b>\$108,435</b>
	<b>In-Kind Match:</b>	<b><u>\$0</u></b>
	<b>Local Match:</b>	<b>\$108,435</b>
	<b>Total Project Cost:</b>	<b>\$216,870</b>

<b>Project Title:</b>	C&D and Industrial MSW Sorting Building
<b>Contact:</b>	Donna Cavanaugh      Phone: 712-732-7171
<b>Project Type:</b>	Best Practices
<b>Applicant:</b>	Local Government
<b>Description:</b>	Applicant requests funds to establish a construction and demolition (C&D)/industrial MSW sorting operation at their existing recycling center facility. The applicant will institute a hand-sort operation to recover wood, metal and paper currently being sent to the landfill. Materials will be recovered from commercial waste loads that are not currently processed at the recycling facility. Funds will be used for the purchase of equipment and the construction of a building addition to handle the expanded operation. The applicant will divert 1,000 tons of recyclable material currently going to the landfill.
<b>Target Area:</b>	Buena Vista County and the city of Fonda

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**Iowa Fuel Solutions**  
**2841 Kentucky Avenue**  
**Mount Pleasant, IA 52641**

<b>Forgivable Loan:</b>	<b>\$20,000</b>
<b>Zero Interest Loan:</b>	<b>\$82,000</b>
<b>3% Interest Loan</b>	<b><u>\$0</u></b>
<b>Total Award Amount:</b>	<b>\$102,000</b>

<b>Cash Match:</b>	<b>\$193,820</b>
<b>In-Kind Match:</b>	<b><u>\$228,000</u></b>
<b>Local Match:</b>	<b>\$421,820</b>

<b>Total Project Cost:</b>	<b>\$523,820</b>
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<b>Project Title:</b>	Biomass Fueled Gasifier from Wood Waste
<b>Contact:</b>	Kevin Knox                      Phone: 319-986-5524
<b>Project Type:</b>	Best Practices
<b>Applicant:</b>	Private For Profit
<b>Description:</b>	Applicant requests funds to construct and commercially manufacture a biomass-fueled gasifier that utilizes wood waste as a feedstock. The commercial grade gasifier is based on the existing prototype successfully developed at the applicant's facility. The applicant will construct and locate a pilot system with a large southeast Iowa energy user interested in utilizing an alternative energy source as part of their operation. Collected data will be used for performance analysis as well as for the development of information to be used for marketing future systems. The pilot gasifier will utilize a minimum of 12 tons of wood byproduct per day, with an annual diversion of 4,368 tons of wood waste.
<b>Target Area:</b>	State of Iowa

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**Shamrock Recycling, Inc.**  
1001 Michigan Street  
Emmetsburg, IA 50536

<b>Forgivable Loan:</b>	<b>\$0</b>
<b>Zero Interest Loan:</b>	<b>\$40,275</b>
<b>3% Interest Loan</b>	<b><u>\$0</u></b>
<b>Total Award Amount:</b>	<b>\$40,275</b>

<b>Cash Match:</b>	<b>\$13,425</b>
<b>In-Kind Match:</b>	<b><u>\$384,120</u></b>
<b>Local Match:</b>	<b>\$397,545</b>

**Total Project Cost: \$437,820**

**Project Title:** Shamrock Waste Wood Processing Project  
**Contact:** Mike Flannegan Phone: 712-426-3002  
**Project Type:** Best Practices  
**Applicant:** Private For Profit  
**Description:** Applicant requests funds to expand their existing recyclable processing operation to include a commercial wood waste recycling service for wood waste generators in the applicant's service area. Funds would be used to purchase equipment to collect and process the wood waste material for end market clients. An estimated 480 tons of wood waste currently going to the landfill would be diverted in the first year of operation.

**Target Area:** Emmet, Clay, Palo Alto and Pocahontas Counties

**PROPOSAL RECOMMENDATIONS: \$25,000 AND BELOW**

**BEST PRACTICES PROJECTS:**

**PIP Printing and Document  
Services**  
2650 Mormom Trek Blvd  
Iowa City, IA 52240

<b>Forgivable Loan:</b>	<b>\$4,599</b>
<b>Zero Interest Loan:</b>	<b>\$0</b>
<b>3% Interest Loan</b>	<b><u>\$0</u></b>
<b>Total Award Amount:</b>	<b>\$4,599</b>

<b>Cash Match:</b>	<b>\$1,534</b>
<b>In-Kind Match:</b>	<b><u>\$3,620</u></b>
<b>Local Match:</b>	<b>\$5,154</b>

**Total Project Cost: \$9,753**

**Project Title:** Cardboard Recycling Program  
**Contact:** Pam Tiedt Phone: 319-337-6431  
**Project Type:** Best Practices  
**Applicant:** Private For Profit  
**Description:** Applicant requests funds to purchase equipment to implement a cardboard recycling program within their commercial printing facility to expand their current recycling program. Funds will go towards the purchase of a baler to collect the material. Approximately 30 tons of

cardboard will be directly diverted from the landfill each year and marketed.

**Target Area:** Johnson County

**Bremer County**  
415 E. Bremer Avenue  
Waverly, IA 50677

<b>Forgivable Loan:</b>	<b>\$20,000</b>
<b>Zero Interest Loan:</b>	<b>\$0</b>
<b>3% Interest Loan</b>	<b><u>\$0</u></b>
<b>Total Award Amount:</b>	<b>\$20,000</b>

<b>Cash Match:</b>	<b>\$72,000</b>
<b>In-Kind Match:</b>	<b><u>\$0</u></b>
<b>Local Match:</b>	<b>\$72,000</b>
<b>Total Project Cost:</b>	<b>\$92,000</b>

**Project Title:** Hook Lift Truck for Bremer County Recycling Program  
**Contact:** Tammy Turner Phone: 319-882-4742  
**Project Type:** Best Practices  
**Applicant:** Local Government  
**Description:** Applicant requests funds to purchase a hook-lift truck to better service the Bremer County Recycling Program and the Bremer County Customer Convenience Center. The truck will allow for the county to deliver recycling services to its residents more efficiently and better allow for future expansion of recyclable materials accepted through the county-wide drop-off collection program. Implementation of this project will support the diversion of 400 tons of recyclables from the landfill each year.

**Target Area:** Bremer County

**North Scott Community School**  
**District**  
251 East Iowa Street  
Eldridge, IA 52748

<b>Forgivable Loan:</b>	<b>\$1,140</b>
<b>Zero Interest Loan:</b>	<b>\$0</b>
<b>3% Interest Loan</b>	<b><u>\$0</u></b>
<b>Total Award Amount:</b>	<b>\$1,140</b>

<b>Cash Match:</b>	<b>\$1,140</b>
<b>In-Kind Match:</b>	<b><u>\$0</u></b>
<b>Local Match:</b>	<b>\$1,140</b>
<b>Total Project Cost:</b>	<b>\$2,280</b>

**Project Title:** Plastic Recycling Program  
**Contact:** Joe Hintze Phone: 563-285-4147  
**Project Type:** Best Practices  
**Applicant:** Local Government  
**Description:** Applicant requests funds to establish a plastic bottle recycling program throughout the schools in the applicant's school district. This project will expand the existing successful paper recycling program previously implemented throughout the district. Funds will go towards the purchase of collection containers to be stationed at

identified locations throughout each facility. The project will allow for the diversion of approximately 146,000 plastic bottles (nearly 7 tons) from the landfill each year and support an existing educational emphasis on recycling in all classrooms district-wide.

**Target Area:** Scott County

**City of Hampton**  
122 1<sup>st</sup> Avenue NW  
P.O. Box 236  
Hampton, IA 50441

**Forgivable Loan:** \$20,000  
**Zero Interest Loan:** \$0  
**3% Interest Loan:** \$0  
**Total Award Amount:** \$20,000

**Cash Match:** \$8,590  
**In-Kind Match:** \$18,000  
**Local Match:** \$26,590

**Total Project Cost:** \$46,590

**Project Title:** City of Hampton Compost Turner

**Contact:** Doug Tarr Phone: 641-456-4853

**Project Type:** Best Practices

**Applicant:** Local Government

**Description:** Applicant requests funds to purchase a compost turner and assist in establishing a high quality city compost site. The site is being enhanced to increase residential participation in the compost program after a recently implemented city-wide burn ban on all yard waste and related organic wastestreams. Along with the equipment purchase, the applicant will be conducting a comprehensive city-wide education campaign to promote the compost site and encourage compost use amongst its residents and commercial businesses. Approximately 750 tons of finished compost will be made available as a result of this project annually.

**Target Area:** Franklin County

### **EDUCATION PROJECTS:**

**The Great Outdoors Fund**  
11407 N.W. Jester Park Drive  
Granger, IA 50109

**Forgivable Loan:** \$20,000  
**Zero Interest Loan:** \$5,000  
**3% Interest Loan:** \$0  
**Total Award Amount:** \$25,000

**Cash Match:** \$8,500  
**In-Kind Match:** \$3,175,000  
**Local Match:**

**Total Project Cost:** \$3,200,000

**Project Title:** GreenWood Environmental Education Center

**Contact:** Pat Boddy Phone: 515-249-5410

**Project Type:** Education

<b>Applicant:</b>	Private Not For Profit
<b>Description:</b>	Applicant requests funds to support the implementation of the GreenWood Environmental Education project, a 1,002 acre preserve that includes renovating the former Des Moines Science Center. The applicant plans include renovation of the building into a LEED-certified interpretive center that will act as an environmental education and demonstration center for a targeted 20,000 annual visitors. Applicant requests funds to support the work of a project coordinator who will incorporate reused and recycled materials into all interior furnishings within the center and support the development of environmental education materials for all future public visitors.
<b>Target Area:</b>	State of Iowa

<b>Keep Iowa Beautiful</b>	<b>Forgivable Loan:</b>	<b>\$20,000</b>
<b>300 E. Locust Avenue, Suite 100</b>	<b>Zero Interest Loan:</b>	<b>\$0</b>
<b>Des Moines, IA 50309</b>	<b>3% Interest Loan</b>	<b><u>\$0</u></b>
	<b>Total Award Amount:</b>	<b>\$20,000</b>
	<b>Cash Match:</b>	<b>\$22,000</b>
	<b>In-Kind Match:</b>	<b><u>\$23,250</u></b>
	<b>Local Match:</b>	<b>\$45,250</b>
	<b>Total Project Cost:</b>	<b>\$65,250</b>

<b>Project Title:</b>	<b>1-888-NOLITTR Hotline Education &amp; Promotion</b>	
<b>Contact:</b>	Gerald Schnepf	Phone: 515-323-6507
<b>Project Type:</b>	Education	
<b>Applicant:</b>	Private Not For Profit	
<b>Description:</b>	Applicant requests funds to support interim funding for promotion of the newly established 1-888-NOLITTR hotline, a toll-free number established to allow Iowans to voluntarily report observed vehicular littering and illegal dumping occurrences. Funds will go towards hotline management as well as the development and production of vehicle static stickers and decals to promote the number to Iowa citizens. Through this program the applicant hopes to reduce the occurrences of littering and illegal dumping of solid waste throughout the state.	
<b>Target Area:</b>	State of Iowa	

<b>Iowa Valley Community College</b>	<b>Forgivable Loan:</b>	<b>\$20,000</b>
<b>District</b>	<b>Zero Interest Loan:</b>	<b>\$2,770</b>
<b>3702 South Center Street</b>	<b>3% Interest Loan</b>	<b><u>\$0</u></b>
<b>Marshalltown, IA 50158</b>	<b>Total Award Amount:</b>	<b>\$22,770</b>
	<b>Cash Match:</b>	<b>\$7,898</b>
	<b>In-Kind Match:</b>	<b><u>\$67,660</u></b>
	<b>Local Match:</b>	<b>\$75,558</b>
	<b>Total Project Cost:</b>	<b>\$98,328</b>



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**Project Title:**           **Construction/Demolition Recycling Education**  
**Contact:**               Jean Brownlie                               Phone: 641-752-4645  
**Project Type:**       Education  
**Applicant:**           Private Not For Profit  
**Description:**       Applicant requests funds to conduct an education campaign in partnership with the Marshall County Landfill promoting construction and demolition (C&D) waste recycling to Marshall County residents. Outreach will particularly target the county's growing Hispanic population, a major portion of the county's construction workforce through educational materials and local presentations in Spanish as well as English. This project will work to increase awareness of accessible C&D recycling opportunities including reuse of cabinets, fixtures, etc. to include a new county recycling program.

**Target Area:**           Marshall County

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<b>Iowa Recycling Association</b>	<b>Forgivable Loan:</b>	<b>\$10,806</b>
<b>2742 SE Market Street</b>	<b>Zero Interest Loan:</b>	<b>\$0</b>
<b>Des Moines, IA 50317</b>	<b>3% Interest Loan</b>	<b><u>\$0</u></b>
	<b>Total Award Amount:</b>	<b>\$10,806</b>
	<b>Cash Match:</b>	<b>\$4,674</b>
	<b>In-Kind Match:</b>	<b><u>\$6,132</u></b>
	<b>Local Match:</b>	<b>\$10,806</b>
	<b>Total Project Cost:</b>	<b>\$21,612</b>

**Project Title:**       **4R's – Reduce, Reuse, Recycle, Renew**  
**Contact:**           Teresa Kurtz                               Phone: 515-265-1596  
**Project Type:**       Education  
**Applicant:**           Private Not For Profit  
**Description:**       Applicant requests funds to publish "4R's", an 8-issue-per-school-year K – 12 educational publication distributed to Iowa schools, teachers and other interested environmental educators. The publication promotes cross-curricular environmental education activities and resources available to teachers for their classrooms and assists them in integrating environmental stewardship and conservation into their existing curriculum disciplines. Funds will go towards development and publication of the "4R's" publication, as well as its distribution to a targeted 20,000 statewide subscribers.

**Target Area:**           State of Iowa

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